



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/018,929B
Source: IFW16
Date Processed by STIC: 8/6/04

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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

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VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
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<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

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1. EFS-Bio (<<http://www.uspto.gov/efb/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
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U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby,
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IFW16

RAW SEQUENCE LISTING

DATE: 08/06/2004

PATENT APPLICATION: US/10/018,929B

TIME: 11:19:55

Input Set : A:\Second Corrected Sequence Listing 5-2002.txt

Output Set: N:\CRF4\08062004\J018929B.raw

4 <110> APPLICANT: Novartis AG
 5 Novartis Research Foundation
 7 <120> TITLE OF INVENTION: Gene involved in epigenetic gene silencing
 9 <130> FILE REFERENCE: S-31005A
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/018,929B
 C--> 12 <141> CURRENT FILING DATE: 2001-12-21
 14 <150> PRIOR APPLICATION NUMBER: GB 9914623.5
 15 <151> PRIOR FILING DATE: 1999-06-23
 E--> 17 <160> NUMBER OF SEQ ID NOS: (33) 34 (see below)
 19 <170> SOFTWARE: PatentIn Ver. 2.1

ERRORED SEQUENCES

1641 <210> SEQ ID NO: 34 *last sequence in submitted file*
 1642 <211> LENGTH: 8
 1643 <212> TYPE: PRT
 1644 <213> ORGANISM: Artificial Sequence
 1646 <220> FEATURE:
 1647 <222> LOCATION: 1..8
 1648 <223> OTHER INFORMATION: ATP/GTP-binding motif A consensus sequence
 1650 <220> FEATURE:
 1651 <222> LOCATION: 1
 1652 <223> OTHER INFORMATION: Xaa= Ala or Gly
 1654 <220> FEATURE:
 1655 <222> LOCATION: 2..15 *5 ← (give correct locations)*
 1656 <223> OTHER INFORMATION: Xaa= any amino acid
 1658 <220> FEATURE:
 1659 <222> LOCATION: 8
 1660 <223> OTHER INFORMATION: Xaa= Ser or Thr
 1662 <400> SEQUENCE: 34
 W--> 1663 Xaa Xaa Xaa Xaa Xaa Gly Lys Xaa
 E--> 1664 1 5

*delete - do not include these
 amino acid numbers if no
 amino acid is above them.*

VARIABLE LOCATION SUMMARY

DATE: 08/06/2004

PATENT APPLICATION: US/10/018,929B

TIME: 11:19:56

Input Set : A:\Second Corrected Sequence Listing 5-2002.txt

Output Set: N:\CRF4\08062004\J018929B.raw

FYI
Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

In <220> to <223> section, please explain location of n or Xaa, and which

residue n or Xaa represents.

eq#:7; N Pos. 1

eq#:8; N Pos. 1,11

eq#:9; N Pos. 5,10,13

eq#:10; N Pos. 6,13

eq#:11; N Pos. 11,13

eq#:12; N Pos. 4,8,13

eq#:13; N Pos. 6,8,13

eq#:26; N Pos. 10,11

eq#:34; Xaa Pos. 4,2,3,4,5,8

VERIFICATION SUMMARY

DATE: 08/06/2004

PATENT APPLICATION: US/10/018,929B

TIME: 11:19:56

Input Set : A:\Second Corrected Sequence Listing 5-2002.txt

Output Set: N:\CRF4\08062004\J018929B.raw

11 M:270 C: Current Application Number differs, Replaced Application Number
12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
1243 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:7
1243 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:7
1243 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
1257 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:8
1257 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:8
1257 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
1271 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:9
1271 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:9
1271 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
1285 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:10
1285 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:10
1285 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
1299 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:11
1299 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:11
1299 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
1313 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:12
1313 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:12
1313 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
1327 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:13
1327 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:13
1327 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
1496 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:26
1496 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:26
1496 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
1663 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:34
1663 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
1664 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:34
17 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (33) Counted (34)